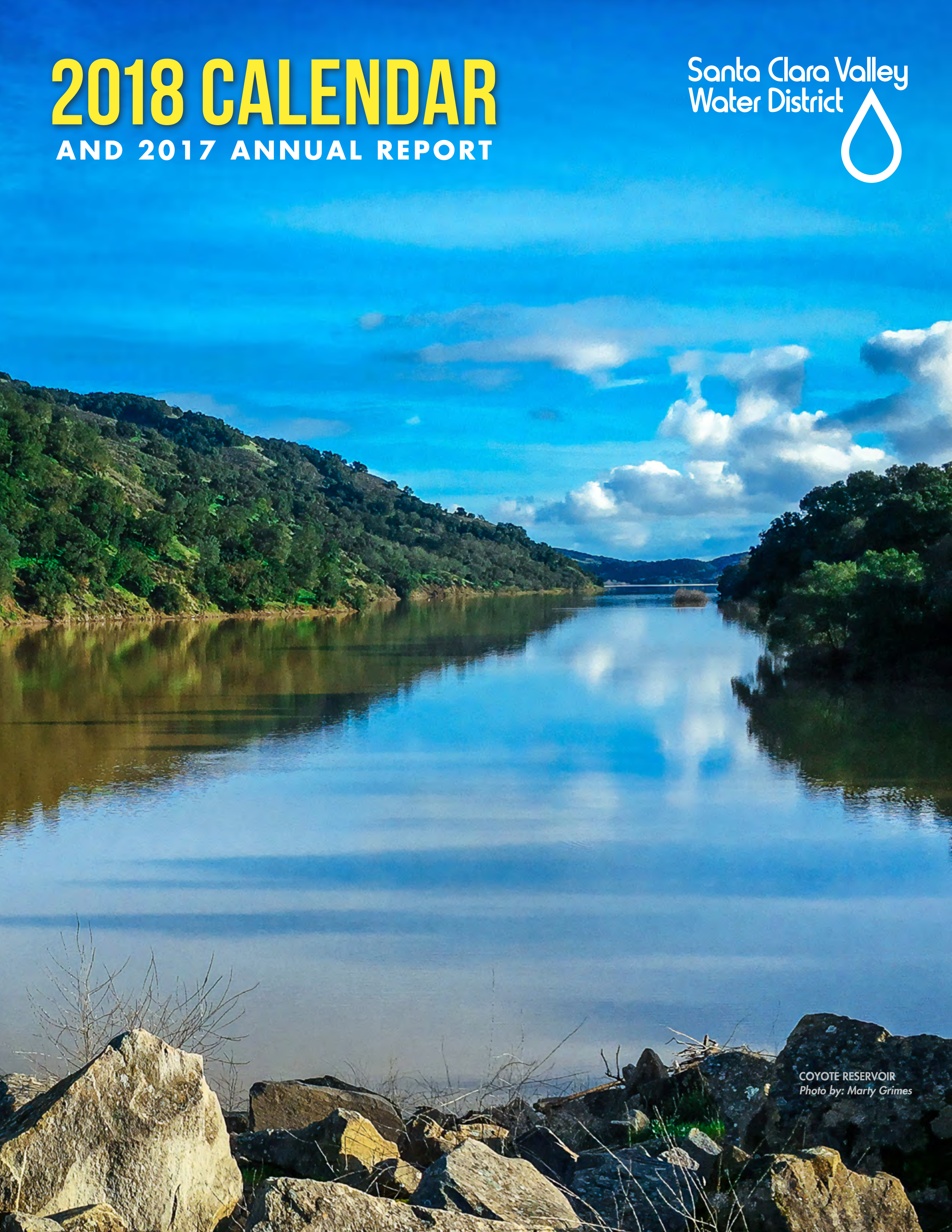
2018 CALENDAR

AND 2017 ANNUAL REPORT

Santa Clara Valley
Water District



COYOTE RESERVOIR
Photo by: Marty Grimes

Flooding from Coyote Creek in Rock Springs

FLOOD PROTECTION EFFORTS ON COYOTE CREEK

With the flooding along Coyote Creek in February of 2017, much of the focus on flood protection in the county has centered on this largely natural waterway that flows for 63 miles from the ridges of Henry Coe State Park east of Morgan Hill to the south end of the San Francisco Bay.

After five years of drought, unprecedented rains in early 2017 drenched much of California. Here in Santa Clara County, the rains led to the flooding of Coyote Creek. Our hearts go out to the affected families, and that's why the water district has been working with our partners locally, at the state level and federally to reduce the potential for future flooding.

Some of the actions taken this year include:

- In June, the board approved modifications to the Coyote Creek Flood Protection Project that include extending the project area by 2.9 miles upstream to Tully Road and revising the target protection from a 100-year flood event to a 20 to 25-year flood event. This will allow for flood protection from an event similar to the February flooding.
- The water district repaired a levee upstream of the South Bay Mobile Home Park, near Old Oakland Road that was damaged during the February floods.
- The water district executed an agreement with the City of San José to allow for the removal of invasive vegetation on city-owned property along Coyote Creek. Together with district-owned property this work will result in the removal of 10 acres of invasive vegetation along the creek to benefit ecological habitat and improve the creek's capacity for carrying stormwater. The work will include hand removal of almost 7 acres of thickets of Arundo donax, a thick, invasive reed, which can reduce a creek's capacity.
- The board authorized building a temporary earthen berm near the Rock Springs neighborhood up to 5 feet tall and a vinyl sheet pile wall up to 3 feet tall, both of which provide the same level of protection against flooding from a storm like the one we experienced in February. The work was completed by the end of December.
- The water district collaborated with the City of San José on an Emergency Action Plan which was jointly adopted by the District Board and San Jose Council on Nov. 3, 2017. The plan outlines roles and responsibilities during a natural disaster along Coyote Creek and provides a framework for action on other creeks.
- In July, the U.S. Army Corps of Engineers agreed to partner with us on a study of the feasibility of a project to reduce flood risks from Montague Expressway to Tully Road. This is an important step toward securing funding from the federal and state governments for a flood protection project on the creek.

Permanente Creek

FLOOD PROTECTION PROJECTS

As flooding has historically occurred throughout Santa Clara County, the water district has a variety of projects to protect residents and businesses under threat of flooding along numerous waterways in the county. We work hard to reduce the risk of flooding and keep communities safe. In 2017, construction was under way on five of the projects, with another six in planning, design or awaiting permits. When complete, these projects will protect more than 15,000 homes and businesses.

Permanente Creek Flood Protection Project

This project, tentatively scheduled to be completed by 2019, will provide natural flood protection for about 2,200 properties in Mountain View and Los Altos, prevent flooding of Middlefield Road and Central Expressway and enhance 8 acres of wildlife habitat in Rancho San Antonio County Park.

Elements of the project include flood protection walls and levees north of U.S. 101, widening and steepening existing channels along Permanente Creek, a flood detention area at the City of Mountain View's McKelvey Park and a flood detention area at Santa Clara County's Rancho San Antonio Park.

San Francisquito Creek Flood Protection Project

This project will provide flood protection to 5,700 homes and businesses. Those who lived near San Francisquito Creek in 1998 will remember the flooding that ruined homes and understand the importance of flood protection along this waterway.

The portion of the project stretching from the San Francisco Bay to U.S. 101 is in the second year of construction and is expected to be complete in early 2019. 101 is in the second of its three years of construction. Project elements include 2,100 feet of flood protection walls on the Palo Alto and East Palo Alto sides of the creek; building a new offset levee; and planting vegetation. Completed construction includes a concrete block retaining wall, a 20-foot high fence and pedestrian ramp adjacent to the International School of the Peninsula, about 2,000 feet of flood protection walls on the Palo Alto side of the creek and about 1,600 feet of flood protection walls on the East Palo Alto side of the creek.

Work on another portion of the project, starting upstream of U.S. 101 is continuing in the design phase. The San Francisquito Creek Joint Powers Authority is leading both the downstream and upstream projects, and the water district is one of the member agencies participating in the projects. The upcoming environmental report on the upstream project will provide another opportunity for the public to comment on the project.

Lower Silver Creek Flood Protection Project

This completed project would not have been possible without the partnership of the state and federal governments. Including improvements at Lake Cunningham, the total investment in flood risk reduction along Lower Silver Creek will have totaled $191 million, with contributions from the state and from the American Recovery and Reinvestment Act. This project will protect 3,800 properties, removing them from the flood zone and eventually relieving them of the requirement to pay flood insurance.

Lower Berryessa Creek Flood Protection Project

The Lower Berryessa Creek Flood Protection Project will provide 100-year flood protection to approximately 1,800 homes, schools and businesses in Milpitas. The project will build floodwalls, improve levees, widen the creek channel to accommodate high flows, and enhance and enlarge tidal and freshwater wetlands and riparian habitat. The project is being implemented in three phases.

Phase 1 included the building of earthen levees and floodwalls completed in December 2016; Phase 2 is under construction and expected to be completed at the end of 2018; and Phase 3 is in the planning process.

Upper Berryessa Creek Flood Protection Project

A collaboration with the U.S. Army Corps of Engineers, the Upper Berryessa Creek Flood Protection Project completed construction this year. It protects approximately 1,650 homes, businesses and schools and institutions including the new Milpitas BART Station from a 100-year flood and includes planting more than 100 native trees and shrubs to improve the environment.

Anderson Dam

ANDERSON DAM: A SMART INVESTMENT IN OUR WATER SUPPLY

Built in 1950, Anderson Dam is a key part of our water supply picture in Santa Clara County. It can hold more than 90,000 acre-feet of water. An acre-foot can supply two families of five with enough water for a year.

But for a number of years now, it has not held that much water. The water district, in conjunction with the state Division of Safety of Dams, restricted the water level to 68 percent of capacity, which the water district strives to achieve, depending on storms. The reason for the restricted capacity is because the dam sits close to and on top of active faults that could cause damage to the dam and flooding down below if a major earthquake were to strike closeby.

The dam is 1.2 miles away from the Calaveras Fault and sits atop the Coyote Creek Fault. If the Calaveras Fault experienced a magnitude 7.25 earthquake or the Coyote Creek Fault had a magnitude 6.6 earthquake, a section of the top of the dam could slump, causing water to flow over the dam and down the face of it. That would cause dam erosion and could lead to flooding downstream.

The water district initiated the Anderson Dam Seismic Retrofit Project in 2012 to address the risks from the faults. Further investigations have revealed other deficiencies in the dam that could pose problems during an earthquake. These include some of the material used to build the dam behaving like liquid during an earthquake, and that the current dam won't avoid seepage and erosion at its core if there is a major earthquake. Both these factors could cause the dam to slump.

Those findings led the water district to lower the storage restriction to 58 percent of capacity in winter, and to modify the project design from one of buttressing the dam to a near-complete replacement of it. The board has since decided to keep it even lower to lessen the risk of flooding on Coyote Creek. They will revisit that decision each year.

Construction is set to begin in 2020, last for four to five years and cost about $400 million. It involves draining the reservoir, taking the dam all the way down to its core, and rebuilding it with appropriate materials according to modern design and seismic standards. The project also involves the construction of a new, high-level outlet to allow the water district to drain the reservoir more quickly if need be.

When completed, we will be able to fill the reservoir to full capacity, benefitting the water supply of Santa Clara County now and into the future.

Uvas Reservoir

ONE WATER PLAN

The Santa Clara Valley Water District has three areas where we focus our work: flood protection; providing safe, clean drinking water to the public; and caring for the environment.

With three distinct areas to focus on, it can be easy for each area to operate independently of the other two. Through our One Water Plan, the water district is improving how it integrates these efforts for a greater benefit to the whole.

Our One Water Plan takes a big-picture approach to managing water and environmental resources at a watershed level. A watershed is a series of land features, such as hillsides, ridges and small creeks and streams that feed into a larger river that drains, in our county, to either the San Francisco Bay or Monterey Bay.

The plan includes a countywide framework and master plans for each of the five major watersheds in Santa Clara County – Coyote, Guadalupe, West Valley, Lower Peninsula and Uvas/Llagas. These master plans will guide future decisions on programs and projects to protect or enhance our community and environment.

We estimate that it will take about two years to complete the plans for all five watersheds, following completion of the countywide framework. The first watershed-specific plan will be Coyote Watershed, followed by Guadalupe and West Valley, and then Lower Peninsula and Uvas-Llagas watersheds.

The intent of these plans is to:

- Identify and prioritize water resource investments across the water district's three business areas of flood protection, stream stewardship, and water supply;
- Inform cities and the county on local land use decisions; and
- Form the basis of future financial support.

You can get involved and learn more at ***onewaterplan.wordpress.com***.

Alamitos Groundwater Recharge Pond

MANAGING GROUNDWATER

Santa Clara County's groundwater basins are an important but unseen part of our water supply picture. In fact, these basins hold more water than all 10 of our surface reservoirs combined.

They serve as an important source of drinking water, typically providing about 40 percent of the water used each year. But during a drought, we run the risk of drawing too much water from them. This can lead to groundwater overdraft and permanent subsidence, or the sinking of the land elevation.

Subsidence can allow salt water from the bay to enter the groundwater basin, making our drinkable water salty. It can make certain communities more susceptible to flooding, and can cause costly damage to infrastructure such as underground pipes, as well as roads and bridges.

It could have been a threat during this recent 5-year drought if not for our proactive management of the groundwater basin of permanent subsidence. But through careful management of our water supplies, the ability to secure more imported water, collaboration with water retailers and the community's outstanding efforts to reduce water use, we were able to avoid it. Those efforts, coupled with substantial rains this past winter, have helped us get our groundwater supply back to its normal range.

The board continued its call for conservation, however, to ensure that it becomes a way of life and that we don't take our water supply for granted. The call is to conserve 20 percent over 2013 levels of water usage.

We continue to actively manage local groundwater to ensure it remains a reliable, high-quality source of water for the community.

Construction project at Penitencia Delivery Main and Force Main Seismic Retrofit project

PENITENCIA DELIVERY MAIN AND FORCE MAIN SEISMIC RETROFIT PROJECT

The Penitencia Water Treatment Plant in north San Jose delivers up to 40 million gallons of safe, clean drinking water every day to customers in San Jose and Milpitas. But it sits atop an active landslide in an area known to experience earthquakes.

It has been a priority of the Santa Clara Valley Water District to protect the water supply delivered to and from the plant from the landslide and seismic activities. This year, we did just that by successfully replacing three critical aging pipelines with earthquake-resistant ductile iron pipe. Two of the pipes carry untreated water into the plant and one carries treated water out for distribution to homes, businesses, schools, hospitals, and more.

Replacing those pipes with earthquake-resistant ductile iron pipe will help us protect our water supply during an earthquake because the pipe flexes during seismic events. That means it will move with the land around it instead of cracking or breaking. This has been used with great success in Japan, and the water district's application is the first installation of the large-diameter version of the pipe in the United States.

To achieve this milestone, the project team developed new methods of installation to adapt to challenging site conditions and completed the installation on time, with the shutdown of the plant for nine months. During that time, our other two treatment plants, Santa Teresa and Rinconada, bridged the gap.

With a life span of 50 years or greater, these pipelines will help to secure the delivery of safe, clean water to the residents of Santa Clara County now and for years to come.

Pacheco Reservoir

ENSURING A RELIABLE WATER SUPPLY

The Santa Clara Valley Water District is responsible for providing safe, clean water to the people and businesses of Santa Clara County. To ensure we have an adequate supply now and in the future, we spent 2017 considering a number of options to enhance our water supply and its reliability, much of which comes to us from outside the county.

Those options are encompassed in the Water Supply Master Plan, and include the California WaterFix project and the Pacheco Reservoir expansion.

Water Supply Master Plan

The Water Supply Master Plan is the water district's strategy for providing a reliable and sustainable water supply in a cost-effective manner. The process for establishing the plan includes assessing the existing water supply system, estimating future supplies and demands, identifying and evaluating projects to fill gaps between supply and demand, and recommending a strategy for long-term water supply reliability.

This year, the board considered a variety of water supply strategies, and will continue to monitor the development of the plan. In the meantime, the board approved a "No Regrets" package of water conservation and other projects. This package includes projects that are broadly supported, relatively low-cost and in combination are cost effective.

California WaterFix

The board voted in October, after dozens of workshops and presentations over the last several years, to participate in the California WaterFix, with conditions. The WaterFix is the state's proposed plan to improve the infrastructure that carries water from the Sierra Nevada through the Sacramento-San Joaquin Delta to Santa Clara County and beyond. Because 40 percent of the water used in Santa Clara County comes to us through the Delta's aging infrastructure, our life, environment and economy depend on the condition and reliability of this infrastructure. The board advocated considering a lower-cost and staged project, and adopted principles to guide district participation in the project to ensure that Santa Clara County's needs are met with the final project.

Pacheco Reservoir Expansion

The water district submitted an application to the California Water Commission requesting $484.5 million from the state's Water Storage Investment Program to expand Pacheco Reservoir near the southeastern countyline.

The project would establish a new dam and expand the reservoir on the North Fork of Pacheco Creek from 6,000 to 141,000 acre-feet of water. One acre-foot is enough water to supply two families of five for a year. The reservoir would be filled with storm runoff from the surrounding hills and would also be used to store water imported through the Sacramento-San Joaquin Delta. The water district expects a decision from the water commission by spring of 2018.

Recycled Water construction project at Wolfe Rd

ADVANCING RECYCLED WATER

This year, the Santa Clara Valley Water District completed one of the largest recycled water projects it has been involved in to date. The Wolfe Road Recycled Water Facilities Project expands recycled water distribution in Sunnyvale, provides service to the Apple Campus 2 and helps the water district expand recycled water use throughout the county. The project was a partnership between the water district, Sunnyvale, Apple, Inc. and California Water Service Company.

The project included building a booster pump station and installing 2.5 miles of purple pipe – recycled water pipeline underneath Wolfe Road. The new facilities reduce dependency on imported and local drinking water by expanding the availability of non-potable recycled water. Recycled water in purple pipes is not drinking water, but is treated wastewater that can be used for things such as flushing toilets, watering landscapes and in industrial applications. The new infrastructure builds the foundation for potential future business customers in Sunnyvale and Cupertino.

The City of Sunnyvale began planning the project in 2012, and the water district handled design and construction, from 2014 to its completion in March 2017. The project cost $17.5 million and was funded by the Santa Clara Valley Water District, Apple, Inc., the City of Sunnyvale, and California Water Service Company, as well as a grant from the California Department of Water Resources.

This project is an example of how the water district is looking to make smart investments in new and innovative technologies, such as water recycling, to make sure our water supply meets future needs.

SAFE, CLEAN WATER GRANTS AND PARTNERSHIPS

Each year, the Santa Clara Valley Water District makes grants available as part of its Safe, Clean Water and Natural Flood Protection Program, a parcel tax approved by voters in 2012. These grants allow us to partner with the community to find innovative solutions for water supply reliability and to care for streams and our water, and to maximize stewardship of the environment.

We make grants available to the community and organizations to

- Study and pilot-test new water conservation programs;
- Reduce contaminants entering county waterways and groundwater;
- Engage community and support watershed stewardship activities; and
- Provide access to trails and open space.

This past year, the water district awarded two grants totaling $87,440 to companies striving to help the water district meet its long-term goal of saving more than 32 billion gallons of water each year by 2030.

Grantees were Fisher Nickel Inc., of San Ramon, which received a $37,500 grant to replace the perpetual-flow sinks used most often in cafés and ice cream shops to rinse utensils. Fisher Nickel will replace them at multiple food service sites in Santa Clara County with different models to showcase the efficacy of each replacement technology. Ecology Action of Santa Cruz received a $49,940 grant to investigate water savings from using captured rainwater for indoor purposes such as toilet flushing and clothes washing. They will partner with residential, commercial, and institutional property owners in Santa Clara County to construct and monitor water use and water quality of rooftop rainwater harvesting systems for indoor, non-potable uses.

The water district also developed a new mini-grant pilot program to provide up to $5,000 per project to restore wildlife habitat that would enhance creek and bay ecosystems, expand trail and open space access, and increase collaboration and partnerships for stewardship activities in the community. The board approved a total of $200,000 in funding for the pilot program. While the other grants have application deadlines, the mini-grants are open on an ongoing basis, until all funds are awarded.

We are currently seeking proposals for new projects. Visit applygrants.valleywater.org to learn more. Check back at ***valleywater.org/SCW-A2.aspx*** to learn about open water conservation grants.

The water district expects to distribute nearly $35 million in grants, partnerships and rebate programs over the life of the 15-year Safe, Clean Water Program. All proposed projects must be in Santa Clara County.

NEW YEAR, NEW LEADERSHIP

This year saw some changes to the leadership at the Santa Clara Valley Water District.

Following a nationwide search, the Board of Directors appointed Norma Camacho as the Chief Executive Officer after serving in the interim position for more than a year.

Prior to her appointment as interim CEO, Norma was the district's chief operating officer for Watersheds Operations. She joined the water district in March 2012.

Her priorities are focusing on preparing for future wet and dry years to ensure a reliable water supply no matter what extreme weather the changing climate brings. She is committed to protecting our environment and working to restore habitat along creeks and the bay, clean toxins from the water, and make sure water is used efficiently, as well as keeping residents and businesses safe through the district's flood protection programs.

Norma has more than 25 years of long-range planning, program development, finance, and capital projects experience. Before she joined the water district, she was the director of the Ventura County Watershed Protection District, directing day-to-day operations of a 142-person organization with a budget of $59 million. Prior to that position she served in the Ventura County Executive Office as deputy executive director of finance and budgets.

The water district also hired a new Chief of Water Utility Operations. Nina Hawk joins the district from the City of Milpitas, where she was the Acting Assistant City Manager/ Public Works Director.

Nina's experience includes utility management in both private and public sectors. Her roles over the years have included engineering, regulatory compliance, safety, fiscal, operations, and maintenance.

Her background includes groundwater management, water distribution owner/ operator, industrial wastewater treatment plant operations, and long-range water supply planning.

As Chief of the Water Utility, she is responsible for leading Santa Clara County's water supply program, consisting of water importation, surface reservoir operations and storage, groundwater management, raw and treated water delivery, drinking water treatment, water recycling and purification, and water conservation programs. She oversees 330 employees.

The district also created a new position, the Chief of External Affairs, responsible for the management and oversight of the District's offices of Community Engagement, Government Relations, and Communications.

Rick Callender, who has worked for the district since 1996, most recently as Deputy Administrative Officer for the Offices of Government Relations and Communications, was chosen to fill the position.

As CEA, he leads the efforts in developing the district's strategy and plan for external communications to the media, community, and the public, including managing how the district engages with the community in the areas of education, volunteerism, and through grant programs. He also leads all government relations efforts on local, regional, state, and federal levels, and is responsible for keeping the CEO and other district staff informed of public policies that directly affect operations.

Norma Camacho

Nina Hawk

Rick Callender

01

BUCK AT COYOTE RESERVOIR

Photo by: NINA MERRILL

Sometimes you're just not ready for the camera. The water district is committed to protecting wildlife habitat.

DECEMBER 2017

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JANUARY 2018

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NOTES:

1 New Year's Day
15 Martin Luther King, Jr. Day

FEBRUARY 2018

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Santa Clara Valley
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www.valleywater.org

02

BLOSSOM VALLEY

Photo by: KAREN KOPPETT

The rainy season gives way to beautiful blossoms on trees in the Valley of Hearts' Delight.

JANUARY 2018

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MARCH 2018

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FEBRUARY 2018

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NOTES:

4 Rosa Parks Day
14 Ash Wednesday
14 Valentine's Day
19 Presidents' Day

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FEBRUARY 2018

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03

GOAT GRAZING

Photo by: FIDEL GONZALEZ

An army of munching goats keeps weeds and wild grasses under control for fire risk reduction along our channels.

APRIL 2018

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MARCH 2018

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Santa Clara Valley
Water District

NOTES:

2 Employee Appreciation Day
11 Daylight Saving Time begins
17 St. Patrick's Day
20 First Day of Spring
22 World Water Day
25 Palm Sunday
30 Good Friday
31 César Chávez Day

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MARCH 2018

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04

STEVENS CREEK RESERVOIR

Photo by: PATRICK AND MICHELE KING

A rainbow frames one of the water district's 10 surface reservoirs. These comprise an important part of our water supply picture.

MAY 2018

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APRIL 2018

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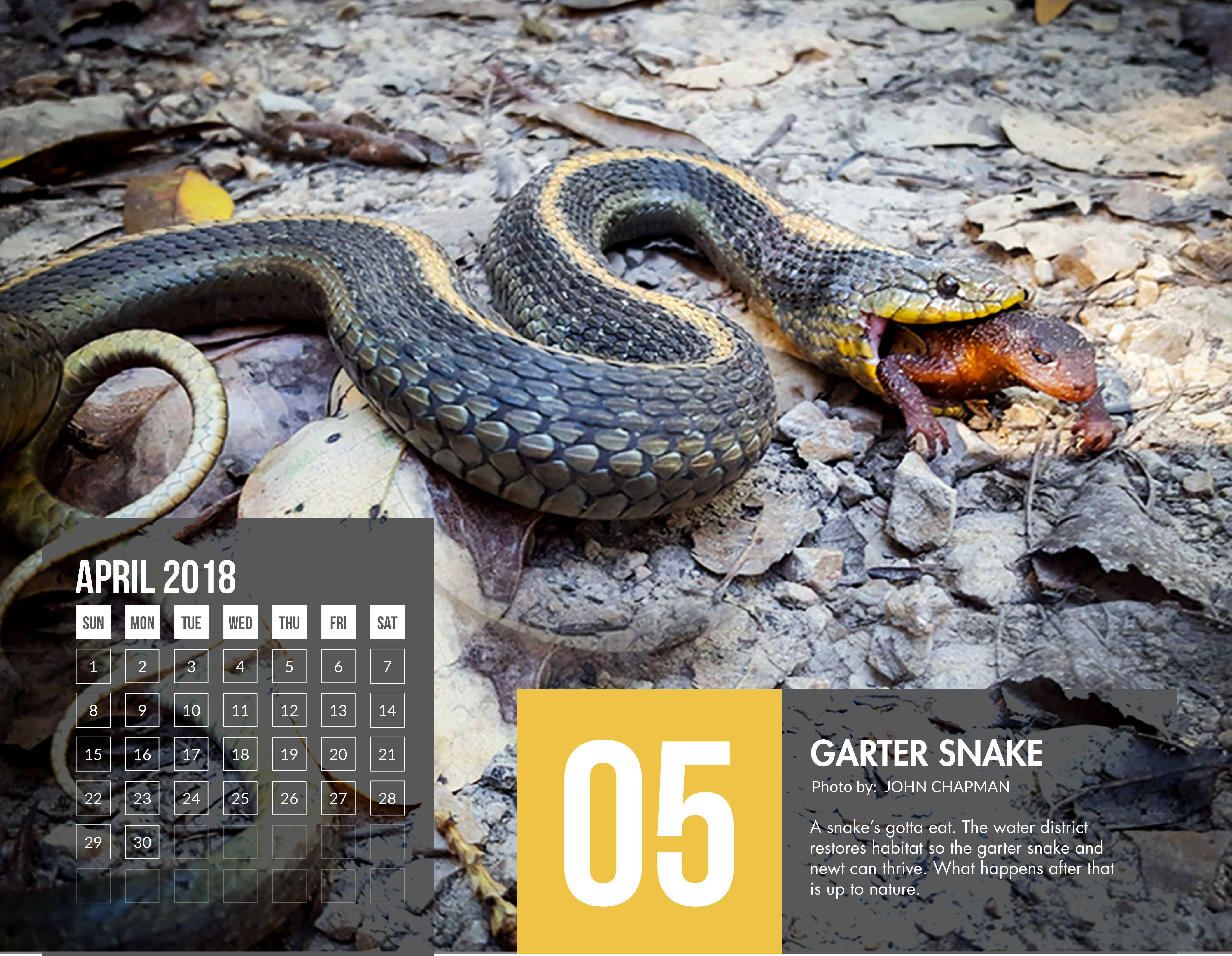
NOTES:

1 Easter Sunday
22 Earth Day
25 Administrative Professionals' Day



05

GARTER SNAKE

Photo by: JOHN CHAPMAN

A snake's gotta eat. The water district restores habitat so the garter snake and newt can thrive. What happens after that is up to nature.

MAY 2018

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NOTES:

- 5 Cinco de Mayo
- 13 Mother's Day
- 15 Ramadan begins
- 19 National River Cleanup Day
- 19 Armed Forces Day
- 28 Memorial Day

APRIL 2018

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JUNE 2018

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MAY 2018

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06

MUSHROOMS ALONG COYOTE CREEK

Photo by: JAE ABEL

Mushrooms perform an important function in the ecosystem, helping to decompose things. They also make comfy stools for toads.

JULY 2018

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JUNE 2018

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Santa Clara Valley
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NOTES:

14 Flag Day
14 Eid al-Fitr
17 Father's Day
19 Juneteenth
21 First Day of Summer

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JUNE 2018

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07

GREATER ROADRUNNER

Photo by: EMILY MOFFIT

Well-hidden among the brush, this roadrunner stood still long enough to have its picture snapped. This is one of the many types of birds found traversing district property. Yes, we have coyotes, too.

AUGUST 2018

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Santa Clara Valley
Water District

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www.valleywater.org

JULY 2018

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4 🟦	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22 🟪	23	24	25	26	27	28
29	30	31				

NOTES:

4 Independence Day
22 Parents' Day

08

SIERRAN TREEFROG

Photo by: MARISA QUARRATO

This little frog blends in with the foliage and the pipe. When the water district cares for streams, we care for Sierran treefrogs like this one too.

JULY 2018

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SEPTEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
						1
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9	10	11	12	13	14	15
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AUGUST 2018

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20 ■	21 ■	22	23	24	25
26 ■	27	28	29	30	31	

NOTES:

20 Eid al-Adha
21 Senior Citizens Day
26 Women's Equality Day

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AUGUST 2018

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

09

FIREFIGHTING HELICOPTER

Photo by: ROBERT LAIRD

As a part of the community, the water district helps out where we can. Our reservoirs and percolation ponds can serve as sources of water to help fight nearby fires.

OCTOBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
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21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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16	17	18	19	20	21	22
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Santa Clara Valley
Water District

NOTES:

3 Labor Day
9 National Grandparents Day
9 Rosh Hashanah
15 Coastal Cleanup Day
18 Yom Kippur
22 First Day of Autumn

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SEPTEMBER 2018

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10

RINCONADA SUNRISE

Photo by: STEVE TWICHELL

Another day at the Rinconada Water Treatment Plant begins. Day and night, year-round, the water district helps supply safe, clean water to the people and businesses of Santa Clara County.

NOVEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

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OCTOBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8 🟩🟦	9	10	11 🟥	12	13
14	15	16 🟧	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31 🟪			

NOTES:

- 8 Indigenous Peoples' Day
- 8 Columbus Day
- 11 National Coming Out Day
- 16 Boss's Day
- 31 Halloween

OCTOBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

11

JUVENILE GREEN HERON

Photo by: EMILY MOFFIT

The water district is serious about caring for streams and the habitats and wildlife they support.

DECEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

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NOTES:

1 All Saints' Day
2 All Souls Day
4 Daylight Saving Time ends
6 Diwali
11 Veterans Day
20 Transgender Day of Remembrance
22 Thanksgiving Day

NOVEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

12

UVAS CREEK ROCKS

Photo by: JIM MCCANN

Water tumbles down a tributary to Uvas Creek. Healthy creeks need protection, and the water district stands guard.

JANUARY 2019

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
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DECEMBER 2018

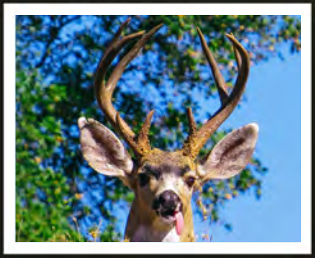
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOTES:

1	World AIDS Day
2	Hanukkah begins
7	Pearl Harbor Remembrance Day
21	First Day of Winter
24	Christmas Eve
25	Christmas Day
26	Kwanzaa begins
31	New Year's Eve

TREE ALONG STEVENS CREEK
Photo by: Katie Muller

All photos were taken by Santa Clara Valley Water District employees.

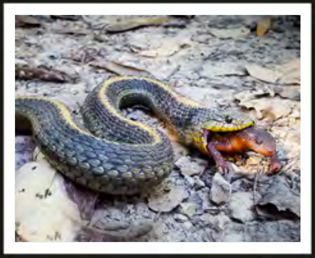


BUCK AT COYOTE RESERVOIR
Photo by: Nina Merrill

BLOSSOM VALLEY
Photo by: Karen Koppett

GOAT GRAZING
Photo by: Fidel Gonzalez

STEVENS CREEK RESERVOIR
Photo by: Patrick and Michelle King



GARTER SNAKE
Photo by: John Chapman

MUSHROOMS ALONG COYOTE
Photo by: Jae Abel

GREATER ROADRUNNER
Photo by: Emily Moffit

SIERRAN TREEFROG
Photo by: Marisa Quarrato

FIREFIGHTING HELICOPTER
Photo by: Robert Laird

RINCONADA SUNRISE
Photo by: Steve Twichell

JUVENILE GREEN HERON
Photo by: Emily Moffit

UVAS CREEK ROCKS
Photo by: Jim McCann

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